

Rail Tie Straightener

RTS



Dimensions:

Length: 24' 6" (~7.44 m)

Width: 8' 6" (~2.57 m)

Height: 9' 10" (~3.05 m)

Weight: 23,000 lbs (~10,433 kg)

*Dimensions vary based on user options



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Always wear proper PPE when operating

Safelock Applicator & Remover

SAR



The Safelok® Applicator & Remover is designed for both wood and concrete tie maintenance. It applies and retracts Pandrol® Safelok I®, Safelok III®, Shur-Lok®, and Air Boss®-type rail clips, with a single operator able to handle 2 clips on one rail or 4 clips on both rails simultaneously—maximizing efficiency.



Key Features:

- Unique retraction tool releases the clip from the socket, retract the clip, and precisely positions the clip at the end of the socket in preparation for re-installation
- Exclusive feature prevents clips from being lost and reduces the risk of injury from flying clips
- Uses joystick controls to control each side of the workhead independently

Specs:

- Seating Capacity: 3 (one operator, two passengers)
- Travel Speed: 24 mph (~39 km/h); chain-driven propulsion system
- Fuel Tank Fill Capacity: 49 gallons (~185.5 litres) with 2" diameter fill neck, bottom sump, and mechanical fluid level gauge
- Hydraulic Reservoir Fill Capacity: 51 gallons (~193 litres) with clean-out covers, guarded fluid level, and temperature gauge
- 24V DC system with circuit breakers for lights and accessories
- Cast steel wheels for long wear, self-aligning roller bearings, and axle locks for safe operation
- Structural steel frame with derail skids, keyhole tie downs, rubber bumpers

Safety:

- Clips are clamped while being extracted to avoid flying clips, reducing injury
- Enclosed cab with HVAC system, in-cab pressurizer for a safer work environment, and acoustical protection
- Dual side egress optimizes safe operator exit in congested areas
- Safety is enhanced using electric-powered controls that reduce operator fatigue
- Workhead barriers cover exposed areas

Technology:

- Easy touchscreen controls with workhead adjustments from the operator seat, saving time and offering a safer way to make machine adjustments
- Onboard electrical system diagnostics to simplify troubleshooting and lessen downtime
- Remote program updates and remote troubleshooting with built-in telematics (within cell range)
- Smart hydraulic valves with self-diagnostics and maintenance screens increase flexibility, reliability, and reduce parts inventory by using the same control valve for every function



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